# Department of Public Works and Transportation Montgomery County, Maryland

# **DIVISION OF SOLID WASTE SERVICES**



Residential recycling collection by Potomac Disposal, Inc. - a local company which recently started recycling collection under a new County contract.

# MONTHLY REPORT JULY 2004

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#### **OVERVIEW**

#### Tonnage at a Glance

The following table shows key material flows during the current month, fiscal year to date (FY Total), and current calendar month in the two prior fiscal years. (County fiscal year 2005 began July 1, 2004.)

FACILITY	Jul FY05	FY05 Total	Jul FY04	Jul FY03
Materials Recovery Facility <sup>(1)</sup>	7,167 tons	7,167 tons	7,150 tons	6,846 tons
Brunswick Landfill Facility <sup>(2)</sup>	30,442 tons	30,442 tons	29,724 tons	23,015 tons
Resource Recovery Facility <sup>(3)</sup>	56,904 tons	56,904 tons	60,236 tons	58,422 tons
Yard Trim Compost Facility	6,399 tons	6,399 tons	5,439 tons	3,007 tons

<sup>(1)</sup>MRF tons reported are outgoing.

#### **Revenue Analysis and Systems Evaluation** – During July, program staff:

- Researched 215 new properties and entered billing changes into database;
- Prepared monthly house counts for collection contractors;
- Processed vacancy refunds payable in July;
- Updated Access<sup>™</sup> databases and Excel<sup>™</sup> spreadsheets for monthly collection contractor reports;
- Updated street listing maps;
- Continued to research solid waste fee abnormalities in the property tax database:
- Identified 101 errors introduced by SDAT in County tax bills posted for FY05 on the County's website; Finance immediately corrected;
- Generated Hauler Credit Account invoices for July 2004 totaling \$2,106,584.10 (an increase of \$459,575.66 over July 2003);
- Updated Aging Report (30-day arrearage was \$775.54 on August 13th);
- Provided notebooks and conducted training classes to prepare DSWS customer service staff to handle questions about FY05 solid waste charges;
- Reconciled all of FY04 Transfer Station incoming chargeable tonnage to monies posted in FAMIS;
- Estimated waste disposed by-sector share to assist use of composition study results;
- Continued to assist with revisions to the recycling regulation;
- Completed inter-agency review for statement of Reserve Policies;
- Updated four Division Program Measures with FY04 actuals;
- Completed historical fiscal review of the Leaf Vacuuming Program; and
- Prepared FY04 Revenue Reviews for the three Solid Waste Funds.

<sup>(2)</sup> This category only addresses waste sent to the landfill for disposal. It does not include rubble that is recycled.

<sup>&</sup>lt;sup>(3)</sup>RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here.

## **CITIZEN COMMITTEES**

**Facilities Implementation Group** – FIG met on June 8<sup>th</sup> at the Gothic Barn in Dickerson. Twelve FIG members, three County staff, one contract staff and two guests were in attendance. Topics discussed included comments and response to the 10-Year Plan and Chiswell updates.

The next FIG meeting will be held on September 14, 2004, at the Gothic Barn in Dickerson.

<u>Solid Waste Advisory Committee</u> – SWAC held its regular monthly meeting on July 6th. Nine SWAC members, four County staff and three guests were in attendance. The Committee received presentations from a Bullis School representative and Division staff on the County's non-residential recycling program (business and private schools) as well as the multi-family recycling program.

## **COLLECTIONS**

**Refuse** – The July 4<sup>th</sup> holiday was officially on Sunday which eliminated a need for a "holiday slide." The Washington Post was not clear in their description of the holiday schedule and this resulted in much confusion on the part of residents. Missed complaints were very high as many residents expected a slide. The collection companies had to go back over much of their areas a second time to accommodate the problem.

**<u>Recycling</u>** – Mixed paper tonnages for the residential program during the past 52 weeks are as follows:

CURRENT PERIOD	POUNDS PER HOUSEHOLD	CORRESPONDING PERIOD PREVIOUS YEAR
8/04/03-8/29/03	9.37	9.24
9/01/03-9/26/03	10.43	10.15
9/29/03-10/24/03	10.50	10.45
10/27/03-11/21/03	11.43	11.04
11/24/03-12/19/03	11.97	11.74
12/22/03-1/16/04	10.67	9.75
1/19/04-2/13/04	9.33	8.83
2/16/04-3/12/04	9.82	8.94
3/15/04-4/09/04	10.19	10.01
4/12/04-5/07/04	10.58	9.93
5/10/04-6/04/04	10.96	10.09
6/07/04-7/2/04	9.97	9.77
9/05/04-7/30/04	9.49	9.05

<u>Contractor Performance</u> — During the month of July 2004, DSWS received 687 complaints; 212 less than in July 2003, which numbered 899.

**Enforcement Actions** – No citations were issued for violations of the County's Solid Waste Laws; however, three NOV's were issued:

One NOV Permitted accumulation of solid wastes on property
One NOV Left a collection vehicle unattended while running

One NOV Permitted solid wastes to be stored outside storage containers

<u>Customer Service</u> – DSWS received 11,643 incoming calls; 1,740 blue bins ordered through the Customer Service Staff.

**Public Outreach** - Over the past year our field staff distributed Recycling Satisfaction Survey cards to residents asking them to evaluate our recycling programs; 3,722 cards were returned. The residents provided us the following results:

Program	Excellent	Good
Blue Bin	68%	26%
Residential Paper	63%	27%
Yard Trim	43%	27%
Scrap Metal	36%	20%
Recycling Contractors	48%	31%

Comments on the returned cards indicated that one in five residents are unaware of the County's scrap metal program.

<u>Web Site</u> - The following is information was gathered from the Montgomery County Solid Waste web site through the month of July:

List Memberships	New Jul	y Subscribers	Total Subscribers
HHW Announcements		243	1156
Holiday Reminder List		609	4214
Newsletter Helper		64	341
Usag	e Counte	rs - July 2004	
Total of Visits			7,622
Total Page Views			10,897
Among the most frequently pages were:  Holidays Trash HHW How to recycle/dispos Scrap Metal Curbside Recycling Paint			
<ul><li> Transfer Station (fees)</li><li> Yard Trim</li><li> Computer Recycling</li></ul>	)		

SOF	RRT
Total Page Hits	169
Number of page views	258
TRE	RAC
Total Page Hits	76
Number of page views	111
E-Mail - J	uly 2004
Top Issues :	
<ul> <li>Items Ordered</li> </ul>	70
<ul> <li>General Information</li> </ul>	69
<ul> <li>Thank You</li> </ul>	34
<ul> <li>Special Collections/Scrap Metal</li> </ul>	20
<ul> <li>Wheeled Carts</li> </ul>	18
<ul> <li>Hazardous Waste</li> </ul>	13
Blue Bin Problems	11
<ul> <li>Misses</li> </ul>	10
Other	48
Blue Bins	499
Total	792

#### Comments received:

- Thanks for getting back to me. I really enjoy your e-mail about the pick-ups, snow removal, etc. You definitely give a light and fun tone to a smelly subject!
- This is a great improvement to the HHW service and I thank you and your team for introducing it! I'm sure this will greatly enhance the county's ability to safely dispose of these products.
- Congratulations on your big news [about the new HHW drop-off at the Transfer Station]!!! Your new program of hazardous household waste collection leaves no excuse for our citizens to improperly dispose of these wastes because of missing a collection date. I am extremely saddened when visiting relatives in other parts of the country where they have no recycling programs in place and their recyclables and hazardous wastes are disposed of in the landfills. Thank you for all your hard work in continuing to improve upon our county's most admirable recycling program.
- For my son's 8<sup>th</sup> birthday, he wants to go on a tour of the recycling center with a few friends. Is that possible?
- Why is a charge of 189.28 on my tax bill? I have no leaf disposal and am a family of one and all they do is pick the recycling up.

#### **WASTE MINIMIZATION**

Product Recycled	Approximate weight recycled in July 2004
Computer	46.1 tons
Fire Extinguishers	None
Propane Tanks	4.9 tons
Textiles	22.2 tons
Construction Materials (Don't Dump – Donate)	3.1 tons
Bicycles	None
Rechargeable Batteries	None

<u>Department of Environmental Protection's Home Composting and Source</u> <u>Reduction Activities – The GreenMan Show continues to air daily on Cable Channel</u>

6, with online streaming video and access to past shows via online archives. The GreenMan Show was sidetracked by an on-the-job injury suffered by the host, delaying production on several new episodes. During the month a new program on Summer Cooling tips began to air.



The GreenMan Column continues in the Gazette Newspapers, now expanded into Frederick County. The column is also accessible online via greenmanshow.com and at www.gazette.net under "Columns." Currently, the column is featuring a series addressing Integrated Pest Management techniques, including healthy soil without pesticides through solar solarization, controlling pests with diatomaceous earth, and controlling weeds in lawns and gardens with corn gluten.

## **HAZARDOUS WASTE PROGRAMS**

Household Hazardous Waste Collection – DSWS started operation of the "regular" HHW drop-off program. HHW can now be dropped off at the Transfer Station Public Unloading Facility Thursdays and Fridays from 1:00 p.m. – 5:00 p.m.; Saturdays from 8:30 a.m. – 5:00 p.m. and Sundays from 9:00 a.m. – 5:00 p.m. The first day of operations was July 8, 2004; overall, 1,554 customers were serviced in July.

<u>Mercury (Hg) Free Campaign</u> – The program for collecting Hg thermometers and passing out digital thermometers continues to receive active participation via walk-ins at the Transfer Station office and exchanges at the HHW facility.

<u>Small Quantity Generator/Ecowise Program</u> – One Small Quantity Generator (SQG)/Ecowise event was held on July 14<sup>th</sup>; 12 companies participated in the event.

#### **AIR PERMITS AND ENVIRONMENTAL PROGRAMS**

Resource Recovery Facility (RRF): CEMS Tracking of RRF Operations — In July, the Continuous Emissions Monitoring System (CEMS) continued to track the percent load, certain engineering parameters, and emissions of all three units. The CEMS indicated that all three units operated until approximately 7 p.m. on July 12<sup>th</sup> when the CEMS showed a Carbon Monoxide (CO) spike from unit 3 and no further emissions indicating that the unit was brought offline. Inquiries with Covanta indicated that the unit was brought offline because of broken grate bars. Thereafter, units 1 and 2 operated until approximately 1 a.m. on July 14<sup>th</sup> when the CEMS showed emissions from unit 3 indicating that the unit was brought back online after replacing the broken grate bars. Thereafter, all three units operated until approximately 4 p.m. on July 31<sup>st</sup> when the CEMS showed a Carbon Monoxide (CO) spike from unit 3 and no further emissions indicating that the unit was brought offline. Inquiries with Covanta indicated that there was a leak from one of the steam tubes. It will be replaced and the unit will be brought back online on August 1<sup>st</sup>. Units 1 and 2 continued to operate until the end of the month.

There were two other instances of equipment malfunction that affected stack emissions while the units were operating. In one instance, there were very high HCl readings for units 1 and 2 between 6 a.m. and 9 a.m. on July 24th. The inlet HCl levels for both units indicated that the waste that was burning at that time had high chlorine levels and a check of SO<sub>2</sub> emissions for the same time period for both units assured that there were no problems with the scrubber lime injection system. Inquiries with Covanta indicated that the pressure regulator servicing the HCl calibration span gas cylinder failed. So, the HCl readings recorded full range of the analyzer. Covanta corrected the fault on the calibration gas system within a couple of hours; and the 9 a.m. HCl readings were accurate. In the second instance, on July 27<sup>th</sup> between 1:15 a.m. and 1:20 a.m., the 1-minute average opacity reading reached 6% instead of the usually observed values of 1% to 2% and the 6-minute average reading reached 3%. The permit limit is 10% for a 6-minute average. Covanta immediately realized that there was a problem with some of the bags in the fabric filter baghouse and cleaned up the bags. Within 10 minutes, the readings came down to the usually observed values of 1% to 2%. There were no other equipment malfunctions that affected stack emissions in July with the exception of the incidents discussed above.

On July 8<sup>th</sup>, Covanta performed the monthly "Opacity Test" for the month of July. The opacity test is a requirement under Title V of the RRF Air Permit. As in past tests, the opacity readings were 0% compared to the Title V Permit limit of 10%.

In the first week of July, the set of three CEMS CD-ROM's was updated to include CEMS data up to June 30<sup>th</sup>. Copies of the CDs' were placed in the Rockville and Poolesville libraries.

**FIG-SWAC Air Quality Subcommittee** – The field work for the Non-Air Media Monitoring Program was conducted on July 20<sup>th</sup> and 21<sup>st</sup>. Two farm ponds near the maximum wet deposition area were sampled for water quality and fish tissue. Cow's

milk was sampled from Johnson Dairy on Mount Ephraim Road. Hay was sampled from Lermond farm and Johnson Dairy near the wet deposition area and from McKenny farm in Lucketts, VA for the background location. The laboratory analysis will be completed in 60 days. ENSR will prepare the draft report within 90 days of receiving the lab results. After DSWS review, the draft report will be submitted to the Subcommittee in December 2004. This information was communicated to the Subcommittee.

<u>Oaks Landfill Energy Recovery</u> – SCS Engineers submitted the gas sampling results at the Oaks Landfill for the month of June 2004. From a total of 2 samples taken at the blower inlet and 2 samples taken at the flare inlet, the methane levels ranged from 47.4% to 48.6% with an average of 47.9%. SCS continues to conduct monthly gas sampling and analysis at the Oaks Landfill. This information will be used to prepare the "2004 Emissions Certification Report" for submission to MDE in March 2005.

DSWS staff is continuing contract negotiations with PEPCO Energy Services for the development of a project for the beneficial use of gas at the Oaks.

#### **Contracts and RFP's**

- ENSR Contract DSWS has asked ENSR to submit a letter report on the water quality of the two farm ponds sampled in the July Non-Air Media Monitoring Program. The letter report is expected by the end of August 2004. ENSR is also continuing work on the Cumulative Health Risk Assessment. Data analysis and Air Quality Modeling work for this task was completed in June 2004. The Toxicological Health Risk Evaluation will be completed by December 2004 and a draft report is expected in spring 05.
- TES Contract TES submitted the July Monthly Maintenance Report for the Meteorological Tower. No problems were found with the wind collection systems. However, the rain gauge was not recording the data properly. The contractor contacted the manufacturer and it was decided to send the equipment to the manufacturer for repairs. The rain gauge is expected back on the site during the second week of August. The Office of Procurement extended TES until August 2005.
- SCS Contract This contract expired on July 19<sup>th</sup>. Oaks landfill gas sampling work is being done under the Engineering Services Contract.

## **RECYCLING**

<u>Public Education and Outreach</u> – Staff continues refining the draft amendment to Executive Regulation 109-92AM, the County's recycling regulation, based on County Attorney and internal review comments. Copies of the staff draft were presented to the County Executive's Recycling Task Force, the Solid Waste Advisory Committee and the Dickerson Facilities Implementation Group for comments. Planning continued for the Division's participation in the Montgomery County Agricultural Fair to be held August 13<sup>th</sup>-21<sup>st</sup>.

<u>Commercial Recycling and Waste Reduction</u> – Staff continued to perform on-site visits of businesses in July and resolved several complaints. During July, staff participated in 3 outreach events and employee training sessions, reaching 218 people. In an effort to improve recycling programs at small businesses, staff distributed a total of 716 desk-side recycling bins to businesses. Staff also completed field audits of all 593 annual recycling and waste reduction reports received for the 2003 filing year. Planning continued for development of all FY05 tasks.

<u>Multi-Family Recycling</u> – The July 2004 edition of the TRRAC newsletter was finalized and mailed. Work also continued on revisions to the Property Manager's Guidebook. An annual update was presented to the Solid Waste Advisory Committee on July 6<sup>th</sup>. A shipment of 5,000 baby blue bins was received at the Oaks Sanitary Landfill and a request to deliver 1,100 baby blue bins was given to collections personnel.

<u>Mixed Paper Recycling</u> – Existing educational materials were distributed to residents at events. Larger quantities of materials were also provided to Homeowner's Associations and civic groups for their use and distribution.

<u>Volunteer Activities</u> – During July, three volunteers provided 32.5 hours of office assistance, mostly in preparation for the Montgomery County Agricultural Fair. Several outreach materials, such as the Guide to Reducing Unwanted Mail, were revised to reflect new information. The program recruited four new volunteers during the month.

## **PILOT PROGRAMS**

<u>Cooperative Collection</u> – Staff is working to schedule a meeting with the five businesses to provide them with cost information.

<u>ComPRO Pilot</u> – The County has developed a pilot bagged ComPRO production at an MES facility in Baltimore, MD. Production of ComPRO began in October 2003. Year-to-date ComPRO sold is 500 bags.

<u>Tubgrinding Pilot</u> – Tubgrinding of screen rejected material started on July 27<sup>th</sup>. Processing will continue for the next three weeks.

## **FACILITY ACTIVITIES**

**Resource Recovery Facility** – The RRF processed 56,904 tons, or 1,836 tons per day. Trash deliveries averaged 12,723 tons/week. There were two unplanned outages, both on unit 3. The first took place on July 12<sup>th</sup> for grate bar repairs and lasted about 29 hours. The second took place on July 31<sup>st</sup> for an external tube leak and lasted about 28 hours.

There were no OSHA recordable incidents during the month.

There were no generation emergencies issued by Mirant during the month of July. There was no need to purchase power during the month.

There were no Forecasted Code Red Days in July.

There were no reportable air or water quality environmental excursions during the month.

The following environmental activities occurred:

- Submitted the June 2004 Water Supply Monthly Operating Report to MDE;
- Performed the monthly visible emission (Method 9) observation required by the RRF's Title V permit;
- Submitted the 2<sup>nd</sup> quarter 2004 Operations and Emissions Report to MDE;
- Submitted the semiannual report required by 40 CFR 60 Subpart Cb to EPA Region III and MDE;
- Submitted the 2<sup>nd</sup> quarter 2004 NPDES Report to MDE;
- Submitted the 3<sup>rd</sup> quarter 2004 Bacteriological Monitoring Report to MDE; and
- Performed 3<sup>rd</sup> quarter ash sampling.

<u>Materials Recovery Facility</u> – Approximately 1,970 tons of commingled material were shipped out and approximately 5,197 tons of mixed paper were loaded out and transferred to the Office Paper Systems, Inc. processing facility in July 2004. MES and DSWS conducted a review of the supports for the shaker machine, and the recommended repairs were made. A subsequent review on balancing and liquid grout under the base plate for the same piece of equipment is underway.

<u>Oaks Landfill</u> – DSWS staff, with the assistance of the Office of the County Attorney, continued contract negotiations with PEPCO Energy Systems for the beneficial reuse of landfill gas at the Oaks Landfill. There was detection of methane in one of the gas monitoring wells on the north side of the Oaks Landfill. DEP is performing weekly checks of the gas monitoring wells in this area. If the problem persists, DSWS plans to perform field tests at several points in the gas collection system to make sure the system is functioning with the proper draw from all portions of the landfill.

<u>Gude Landfill</u> – The County received, reviewed and returned with comments a flare layout submittal from LFG Specialties, the firm contracted to provide two enclosed landfill gas flare units and associated blowers and control equipment. SCS Engineers is serving as the quality assurance engineer for this project and assisted with the submittal review. DSWS also issued a Notice to Proceed to CDCI to begin preparing submittals and performing site work in preparation for receiving the flare equipment. The new flare equipment will replace or back-up the existing power plant for gas management.

<u>Transfer Station</u> – During July, Covanta shipped via rail 55,440 tons of processible waste from the Transfer Station to the RRF; 750 fewer tons than shipped in July 2003.

Work continued on the installation of the fourth compactor. Support framing was installed and the old 40-ft load-out opening was closed using steel members. Concrete will be poured next month. The rail car needed to transport the compactor from Georgia was delayed about a week.

Litter was collected by MES along Shady Grove Road from Route 355 to the intersection with Muncaster Mill Road.

Covanta developed a contract for roof repairs over a portion of the Transfer Station Building.

Covanta had the roadways and parking lots re-striped.

DSWS sent a recommendation for award to Procurement for a task order to provide design and construction quality assurance services for modifications to the Transfer Station and ancillary facilities.

From February 26, 2004 through July 28, 2004, County inspectors at the Transfer Station issued 31 citations to trucks that did not have a Montgomery County collector's tag as required under Chapter 48 of the County Code. Approximately \$20,000 in fines were collected.

The inbound radiation detectors had 4 alarms in July 2004. There were no false alarms (alarms that could not be re-verified) - all of the alarms were identified as low levels of medical isotopes with short half-lives, including 1 case where the driver or a passenger had undergone recent medical tests or treatment, and were accepted.

<u>Site 2 Landfill Properties</u> – Erosion at the eastern part of the Webb property was repaired. A gate to the entrance of the Shafer property was installed.

<u>Yard Trim Compost Facility</u> – In July, the Yard Trim Compost Facility received 6,399 tons of material for composting. The fiscal year-to-date total is 6,399 tons.

Tubgrinding of screened rejected debris started on July 27, 2004.

Five thousand three hundred and seventy two (5,372) cubic yards of Leafgro were shipped to distributors.

**<u>Bagging Operation</u>** – In July 20,455 bags of Leafgro were shipped to distributors (each bag is 1.5 cubic ft. weighing 45 lbs.).

Five hundred (500) bags of ComPRO were shipped to distributors (each bag is 1 cubic ft. weighing 30 lbs.).

# **Out-of-County Haul**

Brunswick County, Virginia – During the month of July, approximately 16,342 tons of ash residue and 14,100 tons of nonprocessible waste were transported to the County's dedicated disposal cell at the Brunswick Waste Management Facility, Inc. Landfill in Brunswick County, Virginia. About 148 tons of rubble were recycled this month at Clean Earth in Hagerstown, MD, and about 693 tons of oversize bulky wood waste (shipped from both the Transfer Station and the Highway Services Silver Spring depot) were recycled by L&I Tree Clearing in Hancock, MD; 61 tons of bulky wood waste was recycled at a new outlet for this material, Butler Wood Recycling in Tuscarora, MD.

## GENERAL INFORMATION

#### **Important Telephone Numbers**

General information on solid waste 240-777-6400

Customer Service 240-777-6410

Transfer Station 301-840-2370 (County Office)

301-590-1032 (Covanta) 301-330-2840 (MES)

Materials Recovery Facility 301-840-2701 (County Office)

301-417-1447 (MES)

Resource Recovery Facility 240-777-6494 (County Office)

301-916-3031 (Covanta)

Yard Trim Compost Facility 301-428-8185 (MES)

Internet for DSWS www.montgomerycountymd.gov/solidwaste

www.montgomerycountymd.gov/recycling

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

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# SOLID WASTE FACTS IN A NUTSHELL

TOPIC OR FACILITY	
Latest Recycling Rate Reported in	37.1% (FY03)
Montgomery County	
Recycling Goal	50% by December 2004
Resource Recovery Facility (RRF)	Guaranteed Capacity = 85% of 1800 TPD on an annual basis (558,450 tons/yr @ 5,500 BTU/lb waste).
Yard Trim Composting Facility (DCF)	Operations limited to receipt of 77,000 tons/year under Sugarloaf Settlement Agreement. FY03 tons received- 80,138
# Residences receiving trash collection	85,080
by County contractors	
# Residences receiving collection of recyclables in blue bins and yard waste collection	204,300
Term of out-of-county waste transportation	June 19, 1997 through June 30, 2012
and disposal contract with Brunswick Waste	with an option for a five-year renewal.
Management Facility, Inc.	(Service started on October 20, 1997.)

#### **GLOSSARY OF ACRONYMS**

AAR American Ash Recycling, Inc.

APC Air Pollution Control

ASME American Society of Mechanical Engineers
BWMF Brunswick Waste Management Facility, Inc.

CDL Commercial Driver's License

CEMS Continuous Emissions Monitoring System

CFR Code of Federal Regulation
CIP Capital Improvements Program

COD Cash on Delivery

COG Metropolitan Washington Council of Governments

CSX Chesapeake Transportation Systems

CY Calendar Year

DEP Department of Environmental Protection
DNR Maryland Department of Natural Resources

DSWS Division of Solid Waste Services
EPA Environmental Protection Agency
FIG Facilities Implementation Group

FY Fiscal Year
GFA Gross Floor Area

HHW Household Hazardous Waste

IFB Invitation For Bid

IPM Integrated Pest Management
KMCB Keep Montgomery County Beautiful

LFG Landfill Gas

LTTS Leachate Thermal Treatment System MCPS Montgomery County Public Schools MCR Maximum Continuous Rating

MDE Maryland Department of Environment
MES Maryland Environmental Service

Mg/I Milligrams per liter

M-NCPPC Maryland National Capital Park and Planning Commission

MRA Maryland Recycling Act
MRF Materials Recovery Facility
MSW Municipal Solid Waste
MWh Mega Watt hours

NIH National Institutes of Health

NMWDA Northeast Maryland Waste Disposal Authority

NOV Notice of Violation

NPDES National Pollution Discharge Elimination System

NTP Notice to Proceed

OLAC Oaks Landfill Advisory Commission
OMB Office of Management and Budget

OPS Office Paper Systems

PEPCO Potomac Electric Power Company PSA Public Service Announcement

RFP Request for Proposal
ROL Reduced Operating Level
RRF Resource Recovery Facility
SCA Sugarloaf Citizens Association
SHA State Highway Administration

SORRT Smart Organizations Reduce and Recycle Tons
SDAT State Department of Assessments and Taxation

SWAC Solid Waste Advisory Committee
TCLP Toxic Characteristic Leaching Procedure
TES Technical Environmental Services

TPD Tons Per Day

TRRAC Think Reduce and Recycle at Apartments and Condominiums
TXA 170 Computer Interface Program (Property Account Database)

UT Ultra-sonic Testing

YTCF Yard Trim Compost Facility